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TITLE: MATRIX METALLOPROTEINASE PEPTIDE

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ABSTRACT:

PROBLEM TO BE SOLVED: To obtain an inhibitor of a matrix metalloproteinase effective in treating unsuitable angiogenesis, arthritis, tumor proliferation, invasion and metastasis and granulomatous inflammatory states (e.g. sarcoidosis).

SOLUTION: This peptide is a substantially pure peptide having an amino acid sequence: RKPRC, AAHE or VAHE in a part thereof and further the ability to inhibit a matrix metalloproteinase (e.g. TMRKPRCGNPDVAN, MRKPRCG or VAAHEFGHAMGLEHSQ). The antibody is reactive with the peptide and a pharmaceutical composition contains the peptide. The DNA is capable of coding the peptide and the vector contains the DNA. The host is transformed with the vector and the method for producing the peptide uses the host.

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